

Hostacom 7523C

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom 7523C conventional melt flow, 1,000 MPa flexural modulus, precolored polypropylene copolymer has a good balance of impact resistance, flexibility and processability.

General Information			
Features	Copolymer		
	Good Chemical Resistance		
	Good Flexibility		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Industrial Applications		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.0	MPa	
Break	19.0	MPa	
Tensile Elongation			ASTM D638
Yield	9.0	%	
Break	400	%	
Flexural Modulus	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256A
Gardner Impact	21.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648

0.45 MPa, Unannealed	79.0	°C
1.8 MPa, Unannealed	48.0	°C

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